I. Objective

The Driver/Operator, given a fire department pumper with a multi-stage pump, shall demonstrate the operation of the volume/pressure transfer value under actual pumping conditions.

II. Instructions – Procedures for Achieving the Objective

Given a fire department pumper with a multi-stage pump, you shall demonstrate the operation of the volume/pressure transfer valve under actual pumping conditions. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

III. Examiner's Note

The Driver/Operator will be given a condition that requires him/her to start in the series or pressure position and then change over to the parallel or volume position. The Driver/Operator will not be allowed to review the performance steps at the time of testing.

IV. Preparation & Equipment

A. Fire department pumper with a multi-stage pump, if available.

V. Reference Sources

A. IFSTA, Pumping Apparatus Driver/Operator Handbook, 2nd Edition
B. TCFP, Performance Standard, Section 705-2.02
C. NFPA, 1002 3-1.1, 3-2.1

404.02B – Transfer Valve Operation
Discipline: D/O

Name:	Officer #:
Evaluator:	Officer #:
Date:	Location:

If the Driver/Operator: **(No partial points given)**

a) Operates the transfer valve in the parallel (volume) position if more
   than half of the rated capacity of the pump is in use .... 2.0 _____
b) Operates the transfer valve in the series (pressure) position if less than
   half of the related capacity of the pump is in use .... 2.0 _____
c) Operates the transfer valve manually or electrically at a net pressure
   of not more than 30 psi when the situation dictates a change in
   position .... P/F _____

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
4	2	First			
		Second			
		Third			